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**Voice Mail: 302-729-1562**

**FAX: 806-498-6673**

**e-mail: winstonhsu@naipo.com**

**Customer No.: 27765**

**Fax To: CHEN, JACK S J**

**Tel.: (571) 272-1689**

**Art Unit: 2813**

**Fax: (703) 872-9306**

**From : Winston Hsu, Registration No. 41,526**

**Serial No.: 10/707,026**

**Attorney Docket No.: NTCP0017USA**

**Subject: Information Disclosure Statement (IDS)**

**Total Pages: 65 pages (including cover page)**

**Winston Hsu 2005/03/01**

**NTCP0017USA0\_D1\_1**

PTO/SB/57 (35-04)

Approved for use through 07/31/2006. OMB 0051-0031

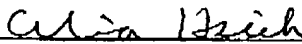
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Application No: 10/707,026

(1) Transmittal Form	1 PAGE
(2) Fee Transmittal	1 PAGE
(3) Information Disclosure Statement	61 PAGES

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22312-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SS21 (2-04)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/707,026	
	Filing Date	11/16/2003	
	First Named Inventor	Ping Hsu	
	Art Unit	2813	
	Examiner Name	CHEN, JACK S J	
Total Number of Pages In This Submission	63	Attorney Docket Number	NTCP0017USA

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm Name	North America Intellectual Property Corporation	
Signature	<i>Winston Hsu</i>	
Printed name	Winston Hsu	
Date	MAR - 1 2005	Reg. No. 41,526

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
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PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0851-0032  
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Effective on 12/08/2004. Fee pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4618). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/707,026
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 0.00		Filing Date	11/16/2003
		First Named Inventor	Ping Hsu
		Examiner Name	CHEN, JACK S J
		Art Unit	2813
		Attorney Docket No.	NTCP0017USA

<b>METHOD OF PAYMENT (check all that apply)</b>	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
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<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
		<b>Small Entity</b>		<b>Small Entity</b>		<b>Small Entity</b>	
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
<b>Fee Description</b>							<b>Small Entity</b>
							<b>Fee (\$)</b>
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent							50
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent							200
Multiple dependent claims							360
							180
<b>Total Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>		
- 20 or HP =		x	=		<b>Fee (\$)</b>		<b>Fee Paid (\$)</b>
HP = highest number of total claims paid for, if greater than 20							
<b>Indep. Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
- 3 or HP =		x	=				
HP = highest number of independent claims paid for, if greater than 3							
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(e).							
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
- 100 =	/ 50 =	(round up to a whole number) x					
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)							<b>Fees Paid (\$)</b>
Other: submission of Information Disclosure Statement							0.00

<b>SUBMITTED BY</b>			
Signature	<i>Winston Hsu</i>	Registration No. (Attorney/Agent)	41,526
Name (Print/Type)	Winston Hsu	Telephone	302-729-1562
		Date	MAR - 1 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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MAR 01 2005

Applicants: Ping Hsu  
5 Kuo-Chien Wu  
Shih-Fan Kuan

Filing Date: 11/16/2003

Art Unit: 2813

Serial No.: 10/707,026

Docket No.: NTCP0017USA

10 Title: METHOD FOR FABRICATING A TRENCH CAPACITOR

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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Subject: Information Disclosure Statement under 37 C.F.R. §1.56.

Dear Sir:

20 This is an Information Disclosure Statement in accordance with the duty to  
disclose information material to patentability under 37 C.F.R. §1.56. Applicants wish  
to make of record the document listed on the accompanying form PTO/SB/08. It is  
respectfully requested that the examiner initials the cited reference on the form and  
that it be made of record in the application and that a copy of the initialed form be sent  
25 to the applicant with the next communication from the examiner.

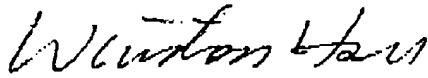
Since the IDS is filed before the mailing date of a first Office action on the merits,  
consideration of the information disclosure statement is hereby requested according to  
37 C.F.R. §1.97(b). The prior art patent documents contained in the information  
30 disclosure statement were cited in the communication dated January 25, 2005 from the  
Taiwan Intellectual Property Office. Applicants sincerely hope that the examiner can  
consider the item contained in the information disclosure statement.

According to the requirement set forth in 37 CFR §1.98, applicants politely submit a copy of the cited Taiwanese patent publish No. 508758 (published Nov. 01, 2002) and Taiwanese patent publish No. 488067 (published May 21, 2002). In accordance with MPEP 609 III A (2), an English-language equivalent application may be submitted to fulfill the requirement for a concise explanation of relevance. Accordingly, the counterpart US patent 6,680,237 of the Taiwanese patent publish No. 508758, and the counterpart US patent US 6,365,485 of the Taiwanese patent publish No. 488067 are hereby presented to fulfill the 37 CFR §1.98(a)(3) requirement.

10

Respectfully Submitted,

15

Date: MAR - 1 2005

Winston Hsu, Patent Agent No. 41,526

P.O. BOX 506, Merrifield, VA 22116, U.S.A.

Voice Mail: 302-729-1562

Facsimile: 806-498-6673

20

e-mail : [winstonhsu@naipo.com](mailto:winstonhsu@naipo.com)

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PTC/SR/SEA/00-031

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Substitute for form 1442/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	1	of	1
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**Complete if Known**

Application Number	10/707,026
Filing Date	11/16/2003
First Named Inventor	Ping Hsu
Art Unit	2813
Examiner Name	CHEN, JACK S J
Attorney Docket Number	NTCP0017USA

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code* <sup>1</sup> Number* <sup>2</sup> Kind Code* <sup>3</sup> (if known)				
	3	TW 508758	11-01-2002			+
	4	TW 488067	05-21-2002			+

**Examiner  
Signature**

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.10 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

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